

From: [Moore, Gary](#)
To: t.a.walzer@westonsolutions.com
Subject: RE: CES Tables
Date: Thursday, December 04, 2014 2:51:00 PM

yes

Gary Moore
Federal On-Scene Coordinator
U.S. EPA Region 6
214-789-1627 cell
214-665-6609 office
moore.gary@epa.gov

From: Walzer, Thomas [<mailto:T.A.Walzer@WestonSolutions.com>]
Sent: Thursday, December 04, 2014 12:15 PM
To: Moore, Gary
Subject: RE: CES Tables

By total package you mean text and attachments?



Thomas Walzer
Principal Project Scientist
Weston Solutions, Inc.
an employee-owned company
5599 San Felipe, Suite 700
Houston, Texas 77056
(713) 985.6741 Direct
(713) 705.1467 Cell
(713) 985.6703 Fax
t.a.walzer@westonsolutions.com

214-789-1627 cell
214-665-6609 office
moore.gary@epa.gov

From: Moore, Gary [<mailto:Moore.Gary@epa.gov>]
Sent: Wednesday, December 03, 2014 12:13 AM
To: Walzer, Thomas
Subject: Re: CES Tables

It needs to be clear which Summas were taken in the residential area and which on the industrial area. I think I am ok with everything else. I just need to get the entire package again to review in total. Also, how much time do we have left on the TDD. Thanks


Gary Moore
Federal On-Scene Coordinator
U.S. EPA Region 6

From: Walzer, Thomas <T.A.Walzer@WestonSolutions.com>
Sent: Tuesday, December 2, 2014 5:09 PM
To: Moore, Gary
Cc: Bercher, Corey; Tighe, C. Daniel; Crow, David
Subject: RE: CES Tables

Gary;

As you requested I deleted the comparison values from the waste table to be used in the report (see PDF file). For your use I attached the Excel version of the Waste Table with the comparison values in place.

From: Walzer, Thomas
Sent: Tuesday, December 02, 2014 4:17 PM
To: 'Moore, Gary'


Thomas Walzer
Principal Project Scientist
Weston Solutions, Inc.
an employee-owned company
5599 San Felipe, Suite 700
Houston, Texas 77056
(713) 985.6741 Direct
(713) 705.1467 Cell
(713) 985.6703 Fax
t.a.walzer@westonsolutions.com


http://www.epa.gov/osw/hazard/testmethods/faq/faq_tclp.htm

Total Constituent Analysis Instead of TCLP Analysis

Question: Is it acceptable to perform a total constituent analysis instead of a TCLP analysis and then divide the total concentration by 20 to determine if a waste is non-hazardous, as is implied in Section 1.2 of Method 1311, TCLP?

Answer: Section 1.2 of the TCLP *does* allow for a total constituent analysis in lieu of the TCLP extraction. If a waste is 100% solid, as defined by the TCLP method, then the results of the total constituent analysis may be divided by twenty to convert the total results into the maximum leachable concentration. This factor is derived from the 20:1 liquid-to-solid ratio employed in the TCLP. If a waste has filterable liquid, then the concentration of the analyte in each phase (liquid and solid) must be determined. The following equation may be used to calculate this value:

$$\frac{[A \times B] + [C \times D]}{B + [20 (L/kg) \times D]} = E$$


Thomas Walzer
Principal Project Scientist
Weston Solutions, Inc.
an employee-owned company
5599 San Felipe, Suite 700
Houston, Texas 77056
(713) 985.6741 Direct
(713) 705.1467 Cell
(713) 985.6703 Fax
t.a.walzer@westonsolutions.com

From: Moore, Gary [<mailto:Moore.Gary@epa.gov>]

Sent: Friday, November 28, 2014 11:03 AM

To: Walzer, Thomas

Subject: RE: CES Tables

Tom:

Please see the table as I made some additional changes.

Thanks

Gary Moore
Federal On-Scene Coordinator
U.S. EPA Region 6
214-789-1627 cell
214-665-6609 office

moore.gary@epa.gov

From: Walzer, Thomas [<mailto:T.A.Walzer@WestonSolutions.com>]

Sent: Wednesday, November 26, 2014 8:20 AM

To: Moore, Gary

Cc: Thibodeaux, Denece; Crow, David

Subject: CES Tables



Thomas Walzer

Principal Project Scientist

Weston Solutions, Inc.

an employee-owned company

5599 San Felipe, Suite 700

Houston, Texas 77056

(713) 985.6741 Direct

(713) 705.1467 Cell

(713) 985.6703 Fax

t.a.walzer@westonsolutions.com

CONFIDENTIALITY: This email and attachments may contain information which is confidential and proprietary. Disclosure or use of any such confidential or proprietary information without the written permission of Weston Solutions, Inc. is strictly prohibited. If you received this email in error, please notify the sender by return e-mail and delete this email from your system.

Thank you.

CONFIDENTIALITY: This email and attachments may contain information which is confidential and proprietary. Disclosure or use of any such confidential or proprietary information without the written permission of Weston Solutions, Inc. is strictly prohibited. If you

received this email in error, please notify the sender by return e-mail and delete this email from your system. Thank you.

CONFIDENTIALITY: This email and attachments may contain information which is confidential and proprietary. Disclosure or use of any such confidential or proprietary information without the written permission of Weston Solutions, Inc. is strictly prohibited. If you received this email in error, please notify the sender by return e-mail and delete this email from your system. Thank you.